

Converting Colors

Hex(F37DBA)

Have a look what the booklet for
Hex(F37DBA) contains.

Hex(F37DBA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F37DBA)

Conversions

Conversions Part 1

Format	Color
Hex	F37DBA
RGB	243, 125, 186
RGB Percent	95%, 49%, 73%
CMY	0.0471, 0.5098, 0.2706
CMYK	0.00, 0.49, 0.23, 0.05
HSL	329°, 83%, 72%
HSV	329°, 49%, 95%
XYZ	53.1587, 37.2671, 50.8459
YIQ	167.2360, 50.7470, 43.9870

Conversions

Conversions Part 2

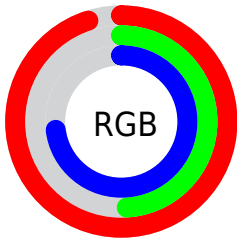
Format	Color
R_{YB}	243, 125, 186
Decimal	15957434
CIE _{Lab}	67.48, 52.14, -11.24
CIE _{LCh}	67, 53.337, 347.835
Yxy	37.2671, 0.3763, 0.2638
Android (android.graphics.Color)	4294147514 (0xFFFF37DBA)
YUV	167.2360, 9.2507, 66.4450
Hunter-Lab	61.0468, 48.6035, -6.6499

Details

The Hex color **F37DBA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **7DF3B6**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFB5F2**, and **B84785** is the 20% darker color. If you saturate the color by 10%, you get **F365AE**, and if you desaturate by 10%, it is **F395C6**.

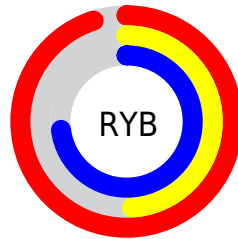
Distribution



Red (95%)

Green (49%)

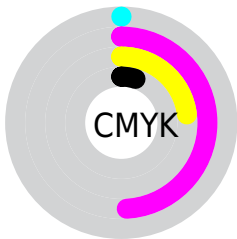
Blue (73%)



Red (95%)

Yellow (49%)

Blue (73%)

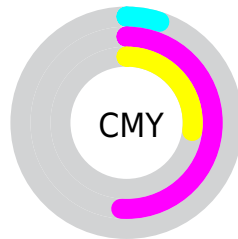


Cyan (0%)

Magenta (49%)

Yellow (23%)

Black (5%)



Cyan (5%)

Magenta (51%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color F37DBA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F37DBA by changing the saturation by 10% instead.

 F37DBA

 F37DBA

FFFFFF

 D5629F

 FFB5F2

 B84785

 FFD1FF

 9C2B6C

 FFEEFF

 800453

 64003C

 490026

 310011

 000000

 F37DBA

 F37DBA

 F365AE

 F395C6

 F34CA3

 F3AED1

 F33497

 F3C6DD

 F31C8B

 F3DEE9

 F3037F

 F3F6F5

 F3007E

 F3FFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CC8CE5



F37DBA



FE7C89

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F37DBA



A4AB44



00B9EA

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



F37DBA



7DF3B6

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00BCC0



F37DBA



6CB561

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F37DBA



D09B43



00BB8E



00AFFF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F37DBA



F7836C



00BB8E



00BADE

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F37DBA



FFD9ED



B47DF3



806974



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F37DBA



FF6BB8



F37D81



7A6E74



BA0060



3B001E

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F37DBA



FF6BB8



7DF3EF



7A6E74



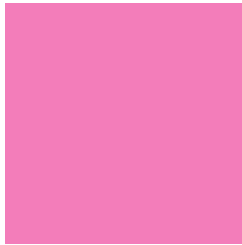
BA0060



3B001E

Previews

White Background



This preview shows how the Hex color F37DBA looks on a white background.

Color Contrast Check

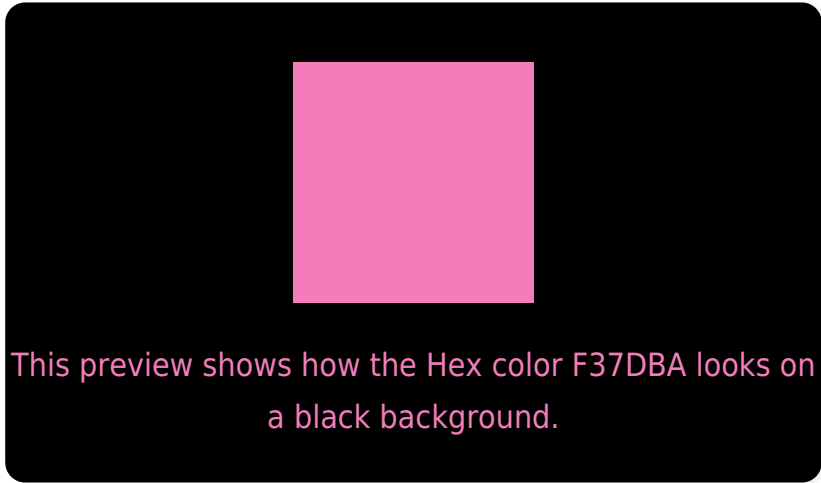
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F37DBA Background



This preview shows how black text looks on a background with the Hex color F37DBA.

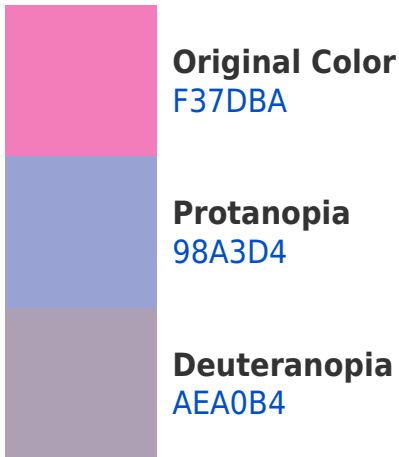



This preview shows how white text looks on a background with the Hex color F37DBA.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
EF868F

Trichromacy



Original Color
F37DBA



Protanomaly
B995CB



Deuteranomaly
C793B6



Tritanomaly
F0839F

Monochromacy



Original Color
F37DBA



Achromatopsia
A7A7A7



Achromatomaly
C398AE

CSS Examples

Text

The CSS property to change the color of the text to Hex F37DBA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F37DBA looks like.

```
.text, #text, p{  
    color:#F37DBA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F37DBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F37DBA
}
```

Border

The CSS property to change the border of an element to Hex F37DBA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F37DBA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F37DBA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F37DBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F37DBA; -webkit-box-shadow:4px 4px  
4px 4px #F37DBA; box-shadow:4px 4px 4px  
4px #F37DBA }
```

Background

The CSS property to change the background color of an element to Hex F37DBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F37DBA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F37DBA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor